PTO/SB/05 (08-03)
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Under the Pa	sperwork Red	uction Act of	1995, no persons are							t displays a valid OMB	control number.			
UTILITY									/-007	to.				
PATENT APPLICATION				F#811	Iveil			iviasi	ahiro Oh	ıa				
TRANSMITTAL					ACTUATOR									
(Only for new nonprovisional applications under 37 CFR 1.53(b))					ASTORIOR						0 _			
					ss Mail Label No. EV 3			EV 3	11 019 (71 US	58			
								M	S Patent A	pplication	9.00			
APPLICATION ELEMENTS							ADDRESS TO. Commissioner for Patents							
See MPEP chapter 600 concerning utility patent application contents.							P.O. Box 1450 Alexandria, VA 22313-1450							
	Transmittal I				7. CD-ROM or CD-R in duplicate, large table or									
(Sub	(Submit an original, and a duplicate for fee processing) Applicant claims small entity status.						Computer Program (Appendix)							
	37 CFR 1.27		8. Nucleotice and/or Amino Acid Sequence Submission (if applicable, all necessary)											
، لننا ا	cification		[Total Pages	18	a. Computer Readable Form (CRF)									
(preferred arrangement set forth below) - Descriptive title of the invention b. Specification Sequence Listing on:														
	Cross Reference Statement Reg					_	i.	CD-RO	M or CD-R (2 copies); or ii.	Paper			
Reference to sequence listing, a table, or a computer program listing appendix							c. Statements verifying identity of above copies							
Background of the Invention Brief Summary of the Invention							ACC	OMPAN	IYING APP	PLICATION PARTS	3			
Brief Description of the Drawings (if filed) Detailed Description						Assignment Papers (cover sheet & document(s))								
- Claim(s) - Abstract of the Disclosure					10.				Statement n assignee)	Power of Attorney				
4. X Drav	wing(s) (35 U	.S.C. 113)	[Total Sheets	7	11.		ז '		• ,	nt (if applicable)				
5. Oath or Declaration [Total Sheets]						12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations								
a. Newly executed (original or copy)						13. Preliminary Amendment								
b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)						14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)								
i. DELETION OF INVENTOR(S)						15. X Certified Copy of Priority Document(s) (if foreign priority is claimed)								
Signed statement attached deleting inventor(s) named in the prior application,						Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).								
see 37 CFR 1.63(d)(2) and 1.33(b).							Applicant must attach form PTO/SB/35 or its equivalent.							
6. X Application Data Sheet. See 37 CFR 1.76							Other:			•				
18. If a CON	TINUING AP	PLICATION	, check appropriate b	ox, and supp	ly the	requi	site inform	nation be	elow and in t	he first sentence of the	 e			
specification I	following the	title, or in ar	Application Data Sho	eet under 37	CFR	1.76:								
لــــا	tinuation	Division		tion-in-part (CIP)	of p	nor applic							
	cation inform			tire diseles:	ura of	the n-	ior applie	Art Unit		oath or declaration is	supplied.			
under Box 5b	, is consider	ed a part of t	the disclosure of the a	ccompanyir	ig con	tinuat	ion or div	islonal a	pplication ar	nd is hereby incorpora	ted by			
reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS														
X Customer Number: 00959							OR		Соггевроп	dence address below				
	I ALII	VE & CC												
Name LAHIVE & COCKFIELD, LLP Anthony A. Laurentano														
Address 28 State Street														
City Boston			State	MA				Zip Code 02109						
Country US			Telephone	(617) 227-7400			00	Fax		14				
Name (Print/Type) Anthony A. Laurer		A. Laurentan	0		Registration No. (Attorn			ney/Agent)	38,220					
Signature		Sul hour Jamen				F	-		Date	October 23, 2003				
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I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 311 019 071 US, in an envelope addressed to: MS Patent Application, Complissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: October 23, 2003

(Anthony A. Laurentano)

CEE TO A NOBILITAL	Ĩ	Complete if Known										
FEE TRANSMITTAL		Applic	ation	Numb	er NEW APPLICATION	NEW APPLICATION						
for FY 2004		Filing	Date		Concurrently Herewith	Concurrently Herewith						
	ſ	First N	lamed	Inver	ntor Masahiro Ohta							
Effective 10/01/2003, Patent fees are subject to annual revision.		Exami	ner Na	ame	Not Yet Assigned							
Applicant claims small entity status. See 37 CFR 1.27		Art Un	it		N/A							
TOTAL AMOUNT OF PAYMENT (\$) 770.00				ket No	o. TAW-007	TAW-007						
METHOD OF PAYMENT (check all that apply)				FEE	CALCULATION (continued)							
Check Credit Money Other None	3 Δ	DDITIC	NAI		· · · · · · · · · · · · · · · · · · ·							
	J. A	<i></i>	/II/LL									
X Deposit Account:	Large Entity Small Entity											
Deposit Account 12-0080	Fee	Fee	Fee Description									
Number	Code	(\$)	Code	(\$)	, co bosonpaon	Fee Paid						
Account Lahive & Cockfield, LLP	1051	130	2051	65	Surcharge – late filing fee or oath							
Name The Director is authorized to: (check all that apply)	1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet.							
X Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130	Non-English specification							
X Charge any additional fee(s) during the pendency of this	1812	2,520	1812	2,520	For filing a request for ex parte reexamination							
	1804	920*	1804	920*	Requesting publication of SIR prior to							
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.				1.840*	Examiner action Requesting publication of SIR after							
	1805	1,840*	1805		Examiner action							
FEE CALCULATION 1. BASIC FILING FEE	1251 1252	110 420	2251 2252	55 210	Extension for reply within first month Extension for reply within second month							
Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month							
Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254	1,480	2254	740	Extension for reply within fourth month							
Code (\$) Code (\$) 1001 770 2001 385 Utility filing fee 770.00	1255	2,010	2255	1,005	Extension for reply within fifth month							
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal							
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal							
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing							
1005 160 2005 80 Provisional filing fee	1451 1452	1,510	1451 2452	1,510 55	Petition to institute a public use proceeding Petition to revive – unavoidable							
SUBTOTAL (1) (\$) 770.00	1453	1,330	2453	665	Petition to revive - unintentional							
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,330	2501	665	Utility issue fee (or reissue)							
Extra Fee from Claims below Fee Paid	1502	480	2502	240	Design issue fee							
Total Claims 8 -20** = x = 0.00	1503	640	2503	320	Plant issue fee							
Independent 1 -3** = x = 0.00	1460	130	1460	130	Petitions to the Commissioner							
Multiple Dependent =	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)							
Large Entity Small Entity	1806	180	1806	180	Submission of Information Disclosure Stmt							
Fee Fee Fee Code (\$) Fee Description	8021	40	8021	40	Recording each patent assignment per property (times number of properties)							
1202 18 2202 9 Claims in excess of 20	1809	770	2809	385	Filing a submission after final rejection							
1201 86 2201 43 Independent claims in excess of 3	1810	770	2810	385	(37 CFR 1.129(a)) For each additional invention to be							
1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 ** Reissue independent claims	1801	770	2801		examined (37CFR 1.129(b))							
over original patent	1801			385	Request for Continued Examination (RCE) Request for expedited examination							
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent		of a design application										
		Other fee (specify) *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.0										
**or number previously paid, if greater, For Reissues, see above	-Kedu	cea by B	asic Fi	ing Fee	Paid SUBTOTAL (3) (\$)	0.00						
SUBMITTED BY (Complete (if applicable))												
Name (Print/Type) Anthony A Laugertano	Registr	ation No.	38	,220	Telephone (617) 227-7400	-						
		y/Agent)		,	. (011)=111100							
Signature Aut WW/ January	Date October 23, 200	ა										

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Dated: October 23, 2003

Signature: Au More Sumula (Mony A. Laurentano)